



<http://disc.gsfc.nasa.gov/hydrology/index.shtml>
Email: Hongliang.Fang.1@nasa.gov

The Global Land Data Assimilation System (GLDAS) is generating a series of land surface state (e.g., soil moisture and surface temperature) and flux (e.g., evaporation and sensible heat flux) products simulated by four land surface models (CLM, Mosaic, Noah and VIC). These products are now accessible at the Hydrology Data and Information Services Center (HDISC), a component of NASA Goddard Earth Sciences Data and Information Services Center (GES DISC).

The screenshot shows the 'Market' tab in the 'Market Data' window. The window has a sidebar on the left with buttons for 'Market', 'News', 'Analysis', and 'Tools'. The main area displays a table of market data. The table has four columns: 'Symbol', 'Name', 'Price', and 'Volume'. The 'Symbol' column lists various stock tickers. The 'Name' column lists the corresponding company names. The 'Price' column shows the current price of each stock. The 'Volume' column shows the trading volume. There are 'Filter' and 'Refresh' buttons at the bottom of the table. The window title is 'Market Data'.

Symbol	Name	Price	Volume
AAPL	Apple Inc.	150.00	1000000
MSFT	Microsoft Corp.	120.00	800000
GOOGL	Alphabet Inc.	2800.00	500000
AMZN	Amazon.com Inc.	3200.00	300000
FB	Facebook Inc.	180.00	200000
TSLA	Tesla Inc.	240.00	150000
BRK.A	Berkshire Hathaway Inc.	340.00	100000
WMT	Walmart Inc.	160.00	120000
DIS	Walt Disney Co.	110.00	90000
BA	Boeing Co.	200.00	80000
GE	General Electric Co.	120.00	70000
IBM	International Business Machines Corp.	180.00	60000
ORCL	Oracle Corp.	45.00	50000
CRM	Salesforce.com Inc.	250.00	40000
ADBE	Adobe Systems Inc.	520.00	30000
INTC	Intel Corp.	35.00	20000
QCOM	Qualcomm Inc.	110.00	15000
TXN	Texas Instruments Inc.	150.00	10000
AVGO	Broadcom Inc.	380.00	8000
MRNA	Moderna Inc.	450.00	5000
SPY	S&P 500 ETF	450.00	1000000

[illegible]

Figure 1 displays a 3x3 grid of global maps showing 1.0 degree Tavg Column Soil Moisture, 1.0 degree Evapotranspiration, and 1.0 degree Average Surface Temperature for QJAS 2008. The maps are arranged in three rows and three columns. Each map includes a color scale bar below it. The first row shows soil moisture, the second row shows evapotranspiration, and the third row shows surface temperature. The columns represent different models: QJAS CLM, QJAS WISC, and QJAS NCAR.

Giovanni, - a simple and intuitive way to visualize, analyze, and access Earth science remote sensing data online (<http://disc.sci.gsfc.nasa.gov/techlab/giovanni>)



- Provide daily GLDAS products through time-averaging of the current 3-hourly dataset.
- Support products from the North American Land Data Assimilation System (NLDAS).
- Make GLDAS and NLDAS products available on Google Earth.

Rodell, M., P. R. Houser, U. Jambor, J. Gottschalk, K. Mitchell, C.-J. Meng, K. Arsenault, B. Cosgrove, J. Radakovich, M. Bosilovich, J. K. Entin, J. P. Walker, D. Lohmann, and D. Toll, 2004: The Global Land Data Assimilation System. *Bull. Amer. Meteor. Soc.*, 85(3): 381-394.